

Freshman Planning Guide

2023-2024



FRUITA 8/9 SCHOOL

FRUITA 8/9 SCHOOL MESA COUNTY VALLEY SCHOOL DISTRICT 51

**Fruita 8/9 School
1835 J Road**

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STUDENT PLANNING GUIDE 2023-2024

INTRODUCTION

This guide is prepared to help you plan your future beginning at the Fruita 8/9 and through Fruita Monument High School. It contains a brief description of all courses, along with registration procedures, graduation requirements, and other information important to the planning of your class schedules.

As you plan your schedule, remember that you are building a complete program with graduation as your final goal. Plan so that minimum course requirements are met and prerequisite course requirements are fulfilled early. Planning will provide you the opportunity to take advantage of the many advanced and elective courses that will enrich your high school program.

Each student is assigned a school counselor for assistance with academics, personal/ social concerns, and post-secondary planning. Students should keep in mind that the most important factor in a successful program is the student him/herself. If students are sincere in seeking assistance, the opportunity is always available. We hope that both students and parents will make optimum use of the available services. Talk about your high school plans with your parents, teachers, and school counselors.

DISCLAIMER

We will make every effort to fulfill student and parent schedule requests. However, based on a number of factors, classes may need to be added or removed from the course offerings. Additionally, the administration of the Fruita 8/9 school reserves the right to design and make changes to student schedules. These changes may occur after initial schedules are completed. Some courses in this catalog may not be offered; this decision will be based on funding and enrollment needs. Fee amounts may change and are subject to school board approval.

**Si usted desea una explicacion en Espanol de este articulo por favor llame a la oficina:
ELPA/E-SL 257-7101. Estamos para servirles.**

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FRUITA 8/9 SCHOOL

9TH GRADE

COURSE DESCRIPTIONS

A day in the life of a Fruita 9th grader:

The schedule was designed with our mission and values in mind. It allows for flexibility and balances academic instruction, enrichment, and support. While student schedules will vary, below is an example of a typical day:

- Period 1: Elective
- Period 2: Math
- Period 3: Elective
- Period 4: Advisory + Composition/Literature 9
- Period 5: Elective and lunch
- Period 6: Elective
- Period 7: Global Studies
- Period 8: Biology

Electives: Students will take up to four elective courses per semester.

Lunch: There will be a variety of options for hot and a la carte lunches. Students may also bring a lunch from home. Students will be assigned to one of three 30 minute lunch waves based on their 5th hour teacher.

Career Pathways....

Connecting Your High School Classes to Careers!!

We encourage students to think about their career interests and to choose classes that are related to their future careers. The graphic on page 13 shows courses you can take over the next four years that can help you build your ICAP (Individual Career Academic Plan). As part of your graduation requirements you need to take 4 electives that tie-into your future career. Think about the career clusters that came up for you when you took the Schoolinks: Top Skills finder in 8th grade.

ENGLISH LANGUAGE ARTS

ELA Graduation Requirements – 4 Credits

9th Grade	10th Grade	11th Grade	12th Grade
Comp/Lit 9 A+B (taken @ F8/9 school)	Comp/Lit 10 A+B	Comp/Lit 11 A+B	Modern Lit (.5 Credit)
	OR	OR	OR
	Honors Comp/Lit 10 A+B	AP English Language A+B	British Lit (.5 Credit)
		OR	OR
		Record of Human History A+B	AP English Literature A+B
			OR
			CMU 111 and/or 112

ELA Electives (.5 Credit, can be taken during any grade)

Mythology 1&2, Science Fiction, Creative Writing, Advanced Creative Writing, Film Studies, AP Seminar, AP Research, Theater Arts, AP Art History, Beginning Acting, Journalism, Newspaper, Humanities

COMPOSITION/LITERATURE 9A

Credit: 9th Grade Language Arts—fall term—1/2 credit

Prerequisite: none

This is the first of a two-term course which serves as an introduction to high school language arts instruction. In ninth grade, the learning of reading, writing, thinking, speaking, listening and researching focuses on the concept of perspectives and pursuits. Within this overarching theme, students will explore a variety of texts and genres through close reading and will write narrative, argumentative and informative texts. Students will compare and contrast texts and media that connect cultural and world views while focusing on complex characters and parallel plots, manipulated time, and flashbacks. They will make connections between their own lives and the lives of those they read. They will continue to develop their understanding of rhetoric through their reading, writing, and dialoguing. Students will develop speaking skills through effective preparation techniques and develop critical listening skills. Students will continue to research authentic questions so they can orally articulate a claim supported by evidence while differentiating between primary and secondary document sources. They will continue to develop and monitor their own reading, writing, and thinking processes as they read self-chosen texts, write about self-chosen topics, and think about their thinking.

COMPOSITION/LITERATURE 9B

Credit: 9th Grade Language Arts – spring term - 1/2 credit

This is the second of a two-term course which serves as an introduction to high school language arts instruction. In ninth grade, the learning of reading, writing, thinking, speaking, listening and researching focuses on the concept of perspectives and pursuits. Within this overarching theme, students will explore a variety of texts and genres through close reading and will write narrative, argumentative and informative texts. Students will compare and contrast texts and media that connect cultural and world views while focusing on complex characters and parallel plots, manipulated time, and flashbacks. They will make connections between their own lives and the lives of those they read. They will continue to develop their understanding of rhetoric through their reading, writing, and dialoguing. Students will develop speaking skills through effective preparation techniques and develop critical listening skills. Students will continue to research authentic questions so they can orally articulate a claim supported by evidence

ENGLISH LANGUAGE ARTS

HONORS COMPOSITION/LITERATURE 9 A & B

Credit: 9th Grade Language Arts—fall term & spring term—1/2 credit per semester

Prerequisite: none

This two-termed course is designed for the student willing to exert extra effort in the mastery of literature, writing, discussion, and grammar skills. In addition to the core curriculum designed for Composition/ Literature 9, students will engage in an intense vocabulary program based on SAT word pools and will study literature selections that are more difficult and abstract. Discussion of literature will emphasize the seminar approach and enhance critical thinking skills. The students will write in narrative, descriptive, comparative/contrasting, and persuasive modes.



LANGUAGE ARTS ELECTIVES

ENGLISH ELECTIVE COURSES (meet the .5 English elective graduation requirement)

CREATIVE WRITING

Prerequisite: None

Credit: Language Arts Elective – one term - 1/2 credit

This is a class for the student who seeks to develop a strong foundation in writing. This course provides instruction in and exploration of the following areas: developing characters, writing natural dialogue, creating realistic plots, and writing a poem, short story, or short play in a format suitable for publication.

FILM STUDIES (VIDEO MEDIA PRODUCTION)

Prerequisite: Strong writing ability

Credit: Language Arts Elective – one term - 1/2 credit

This class is for the advanced, disciplined writer interested in crafting screenplays. Students will read screenplays and compare them to the Hollywood release for several films including one that is based on a book, which they will also read. As students learn the vocabulary and craft of screenplay writing, they will workshop original ideas and eventually select one that they will turn into a full length screenplay. There will also be opportunities to film and edit short films written by students in the class.

FORENSICS - SPEECH & DEBATE

Prerequisite: None

Credit: Language Arts Elective – one term - 1/2 credit

This class will introduce you to the skills you need to build your confidence when speaking to others. Forensics is a debate-focused speech class that will give students the opportunity to develop strategies and knowledge related to logical reasoning and argumentation. Students will learn to verbalize thoughts clearly and dynamically; organize ideas clearly and appropriately; generate speeches for a variety of occasions; develop self-confidence to express ideas fluently; debate successfully using individual, team, and group skills; research effectively; defend positions using evidence.

LANGUAGE ARTS ELECTIVES CONTINUED...

ENGLISH ELECTIVE COURSES (meet the .5 English elective graduation requirement)

JOURNALISM

Prerequisite: None

Credit: Language Arts Elective – one term – 1/2 credit

This journalism course focuses on current events as they relate to popular culture, particularly the mass media. The course will cover media law and ethics, determining news, gathering news, and writing basic news stories. This course is highly recommended for students who wish to participate in Newspaper and/or Yearbook.

MYTHOLOGY I

Prerequisite: None

Credit: Language Arts Elective—one term—1/2 credit

In this one semester class, students study the myths, legends, and folklore of many cultures with an emphasis on Greek and Roman mythology. Students read a variety of literary forms such as short stories, plays, poetry, and novels. Students then discuss and write about the literature, gaining greater insight by comparing modern interpretations to ancient mythological stories.

SCIENCE FICTION

Prerequisites: None

Credit: Language Arts Elective – one term – 1/2 credit

Prerequisite: None One Term – ½ Credit

This course presents the roots and development of science fiction through short stories, novels, and films. Students explore major themes in the field to gain a greater understanding of the genre and how science fiction uses imaginary beings or events to comment on society. Class discussions, student writing, and projects focus on major science fiction authors' works. Opportunities to write and experiment with original science fiction selections are encouraged.

YEARBOOK

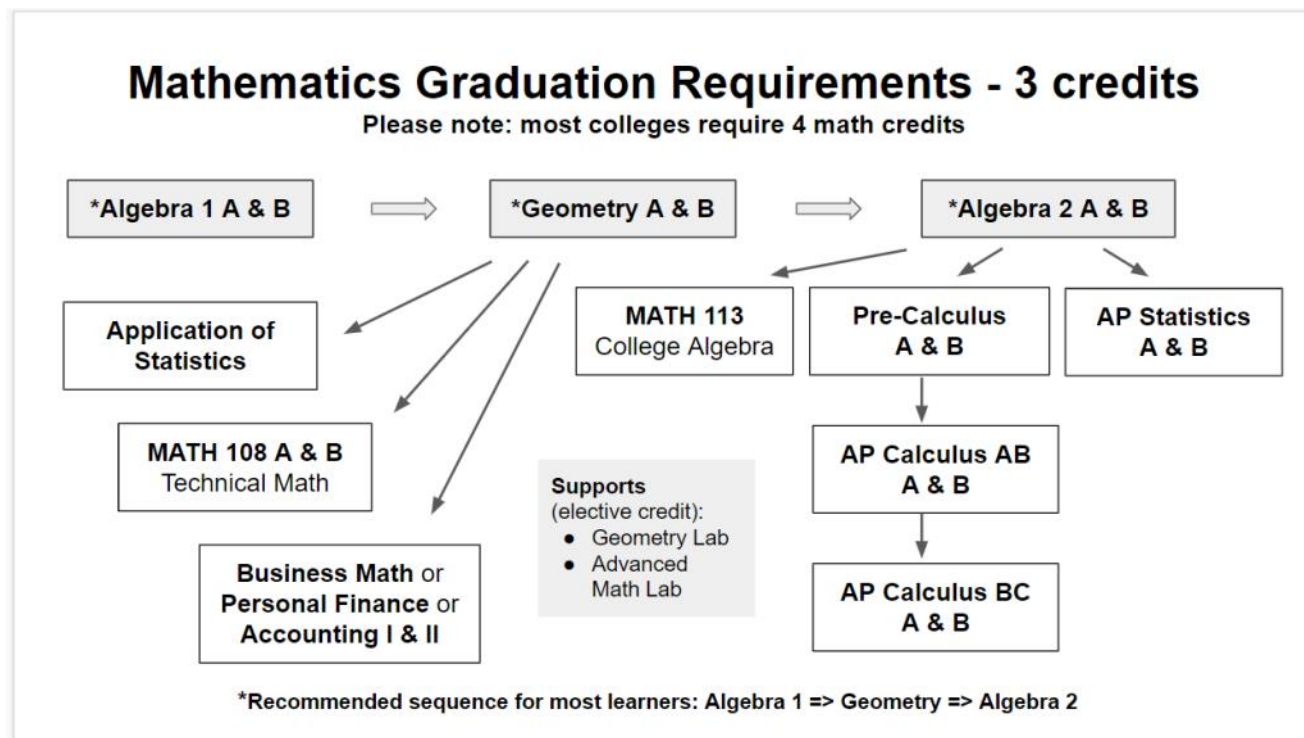
Prerequisite: Application

Credit: Language Arts Elective – all year - 1/2 credit per semester

This course focuses on marketing and production of all of the student publications. Students will learn and practice journalism writing and production skills in order to publish newsmagazines, yearbook, and online media with regularly scheduled deadlines. Students will not only study principles of gathering, writing, reporting, and editing the news, but also learn about pay layout and design, photography, and business. Outside time is required as students sell ads and attend school events to take photos and write stories.



MATH



ALGEBRA 1A (45 minutes)

Credit: Semesters - ½ Credit

Algebra 1A is a semester long mathematics course where learners explore concepts that develop an understanding of mathematical relationships, functions, and models, both in and out of context, with an emphasis on problem solving. In the exploration of concepts, symbols are used in place of numbers to describe and generalize patterns and relationships. Learners utilize conceptual understanding, skills, multiple representations, and strategies that address linear functions, linear systems of equations, exponential functions, and use statistical models to analyze relationships represented by data, and apply these concepts in real world situations. The TI-84 Plus calculator is required for this course.

ALGEBRA 1B (45 minutes)

Credit: Spring Semester- ½ Credit

Algebra 1B is a semester long mathematics course where learners explore concepts that develop an understanding of mathematical relationships, functions, and models, both in and out of context, with an emphasis on problem solving. In the exploration of concepts, symbols are used in place of numbers to describe and generalize patterns and relationships. Learners utilize conceptual understanding, skills, multiple representations, and strategies that address quadratic and other types of algebraic functions, with an emphasis on identifying graphing key features, such as x and y-intercepts. The TI-84 Plus calculator is required for this course. Prerequisite: Successful completion of Algebra 1A.

MATH

ACCELERATED ALGEBRA 1 (90 minutes for each quarter)

Credit: 2 Quarters $\frac{1}{2}$ Credit Each

Prerequisites: B or better in 8th grade math AND teacher recommendation

Accelerated Algebra 1/Geometry is a blocked, yearlong course in which learners engage with concepts at an accelerated pace over the course of a school year. (Pre-AP math course) Algebra is a branch of mathematics that uses symbols in place of numbers to describe and generalize patterns and relationships. In Algebra 1, learners explore concepts that develop an understanding of mathematical relationships, functions, and models, both in and out of context, with an emphasis on problem solving. Learners utilize concepts, skills, representations, and strategies that address linear functions, exponential functions, quadratic functions, systems of equations, and use statistical models to analyze relationships represented by data. Learners will apply these concepts in real world situations. The TI-84 Plus calculator is required for this course.

***Note:** Accelerated Algebra is designed for the student interested in taking AP math courses as an upperclassman. It is the exact same course with the same number of minutes of instruction completed in one semester instead of two semesters. It will have twice as much material to learn daily and is not recommended for students who struggle with time in math classes or heavy workloads. It is only recommended for students interested in taking AP courses as upperclassmen.*

INTERVENTION COURSE:

TOPICS IN MATH A (45 minutes)

Credit: 1 Semester- $\frac{1}{2}$ Credit

This course is an introduction to basic algebra concepts and a review of prior learning from mathematical concepts that are essential components to more advanced math topics. The course is designed to help students build math confidence in preparation for Algebra 1 and Geometry. The course will place an emphasis on Number Sense with focus on integers, order of operations, variables, expressions, and equations. The course will support students in developing good mathematical study skills and learning strategies. Many different approaches (foldables, expression mats, student interactive notebooks) and manipulatives will be used in this learning. Throughout the course students will be reviewing prior knowledge that leads to a final cumulative exam.

TOPICS IN MATH B (45 minutes)

Credit: 1 Semester- $\frac{1}{2}$ Credit

This course is an intervention course to build algebraic thinking and make a connection between numbers and their operations, as well as reasoning about those numbers. Students will engage in solving single variable equations and inequalities. Students will work with equivalent expressions and model situations with algebraic expressions. There is an emphasis in analyzing slope as a rate of change and to transfer skills into graphing linear equations. The course is designed before Algebra 1 to aid in habits of algebraic thinking.

MATH

GEOMETRY 1A (45 minutes)

Credit: Fall Semester- $\frac{1}{2}$ Credit

Prerequisites: successful completion of Algebra

Geometry 1A is a semester long course in which learners engage with concepts at a typical pace over the course of a school year. Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, triangles, transformations, and quadrilaterals. Learners engage in Euclidean and analytical geometry by using lines, angles, polygons, and planes with emphasis on systematic approaches to and processes for proving and applying theorems. Students will explore rigid and nonrigid transformations of figures in the coordinate plane and use them to establish congruence theorems. Algebraic thinking will be applied throughout the course. The TI-84 Plus calculator is required for this course.

GEOMETRY 1B (45 minutes)

Credit: Spring Semester- $\frac{1}{2}$ Credit

Prerequisites: Geometry 1A

Geometry 1B is a semester long course in which learners engage with concepts at a typical pace over the course of a school year. Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, surfaces and solids. Using the foundation of Geometry 1A, students will establish similarity of triangles. Students will also use proven theorems and their prior Geometry 1A knowledge to investigate mathematics of trigonometry. Students will review two dimensional relationships and move into three dimensional relationships. Learners will continue working with coordinate geometry concepts and extend to polygons and circles. A learner will investigate properties of circles. Geometry closes with a study of independent and conditional probability and how to use probability models to represent situations arising in everyday life. The TI-84 Plus calculator is required for this course.

ACCELERATED GEOMETRY (90 minutes for each quarter)

Credit: 2 Quarters $\frac{1}{2}$ Credit Each

Prerequisites: Successful completion of Accelerated Algebra

Accelerated Algebra 1/Geometry is a blocked, yearlong course in which learners engage with concepts at an accelerated pace over the course of a school year.

Geometry 1A - Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, triangles, transformations, and quadrilaterals.

Learners engage in Euclidean and analytical Geometry by using lines, angles, polygons, and planes with emphasis on systematic approaches to and processes for proving and applying theorems. Students will explore rigid and non-rigid transformations of figures in the coordinate plane and use them to establish congruence theorems. Algebraic thinking will be applied throughout the course.

Geometry 1B Geometry is a branch of mathematics that uses logic and formal thinking to establish mathematical relationships between points, lines, surfaces and solids. Using the foundation of Geometry 1A, students will establish similarity of triangles. Students will also use proven theorems and their prior Geometry 1A knowledge to investigate mathematics of trigonometry. Students will review two dimensional relationships and move into three dimensional relationships. Learners will continue working with coordinate geometry concepts and extend to polygons and circles. A learner will investigate properties of circles. Geometry closes with a study of independent and conditional probability and how to use probability models to represent situations arising in everyday life. The TI-84 Plus calculator is required for this course.

Note: Accelerated Geometry is designed for the student interested in taking AP math courses as an upperclassman. It is the exact same course with the same number of minutes of instruction completed in one semester instead of two semesters. It will have twice as much material to learn daily and is not recommended for students who struggle with time in math classes or heavy workloads. It is only recommended for students interested in taking AP courses as upperclassmen.

ALGEBRA 2A

Credit: Fall Semester - $\frac{1}{2}$ Credit

Prerequisites: Successful completion of Geometry 1B

Algebra 2 A is a branch of mathematics that uses symbols in place of numbers to describe and generalize patterns and relationships. Algebra 2 addresses math standards that build towards advanced algebraic topics, extending prior coursework and improving mathematical reasoning skills. Topics include the complex number system, the study of polynomial, rational, exponential, logarithmic, and radical function families with an increased emphasis on modeling, and systems of equations. In Algebra 2, students will perform operations and identify restrictions on rational expressions (expressions that contain rational numbers as coefficients). Algebra 2 will introduce the new concept of complex numbers while continuing the work of Algebra 1 and quadratics. Students will solve a variety of functions: linear and quadratic systems, rational, exponential and logarithmic.

ALGEBRA 2B

Credit: Spring Semester - $\frac{1}{2}$ Credit

Prerequisites: Successful completion of Algebra 2A

Algebra 2 B is a course where students use prior knowledge of Algebra 2A and Algebra 1 to extend their learning to trigonometric functions and conics. Students will examine trigonometric functions and graphs in the context of the unit circle and extend their understanding to solving trigonometric functions and analyzing identities. Students will find the key features of conics and be able to graph and write conic functions. The course concludes with applying statistics and probability to make complex decisions. Decisions will be based on representative sampling from a population and by creating and evaluating statistical models.



SCIENCE

Students must complete 3 credits of science to graduate. There is a \$15 fee per science class per year.

PATHWAY 1

9th	10th	11th	12th
Biology A & B 1 credit	Chemistry A & B 1 credit	Physics 1 credit	Science Elective 1 credit (Recommended)



PATHWAY 2 Honors Track

9th	10th*	11th	12th
Honors Biology A & B 1 credit	Chemistry A & B 1 credit & AP Environmental Science A & B 1 credit	Physics A & B 1 credit & AP Biology A & B 1 credit	Science Elective 1 credit (Recommended) AP Chemistry, AP Physics



PATHWAY 3 Advanced Track

9th	10th*	11th	12th
Honors Biology A & B 1 credit & AP Environmental Science A & B 1 credit	Chemistry A & B 1 credit & AP Biology A & B 1 credit	Physics A & B 1 credit	AP Chemistry AP Physics I AP Physics II

SCIENCE

\$15.00 fee for each science class per year.

BIOLOGY A & B

Credit: two terms – ½ credit each

Students in this course develop understanding of key concepts that enable them make sense of life science and how life on earth has influenced and continues to influence earth systems. By exploring phenomena in the natural world, students construct explanations for the structure, function, interactions, evolution, and diversity of living organisms and their underlying processes. Emphasis is given to development of science and engineering practices and cross cutting concepts in order to develop an understanding of the complex nature of biological systems.

HONORS BIOLOGY A & B

Prerequisites: It is recommended that students taking this track be enrolled in Geometry their freshman year. (Or demonstrate proficiency in math and science on testing.) Suggested 10th grade or above reading level.

Typically a 10th grade level course.

Credit: two terms – ½ credit each

Honors Biology is a challenging course designed for motivated students with a keen interest in science. While the general course description for Biology also applies to Honors Biology, topics will be covered in greater depth and breadth. Emphasis will be placed on higher level thinking skills bridging content into AP and IB standards.

SCIENCE ELECTIVES

ADVANCED PLACEMENT (A.P.) ENVIRONMENTAL SCIENCE

Prerequisites: It is required that students taking this course be enrolled in Geometry OR score advanced on science standardized tests.

Students must be concurrently enrolled in Honors Biology

Suggested 10th grade or above reading level.

This is typically a 10th -12th grade level course.

Expect to spend a minimum of 30-60 minutes per day studying to be successful in this class.

Credit: two terms – ½ credit each

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Students will prepare for the Advanced Placement Environmental Science Exam, which can potentially earn the student college credit. The expectation is all students will take the A.P. exam.

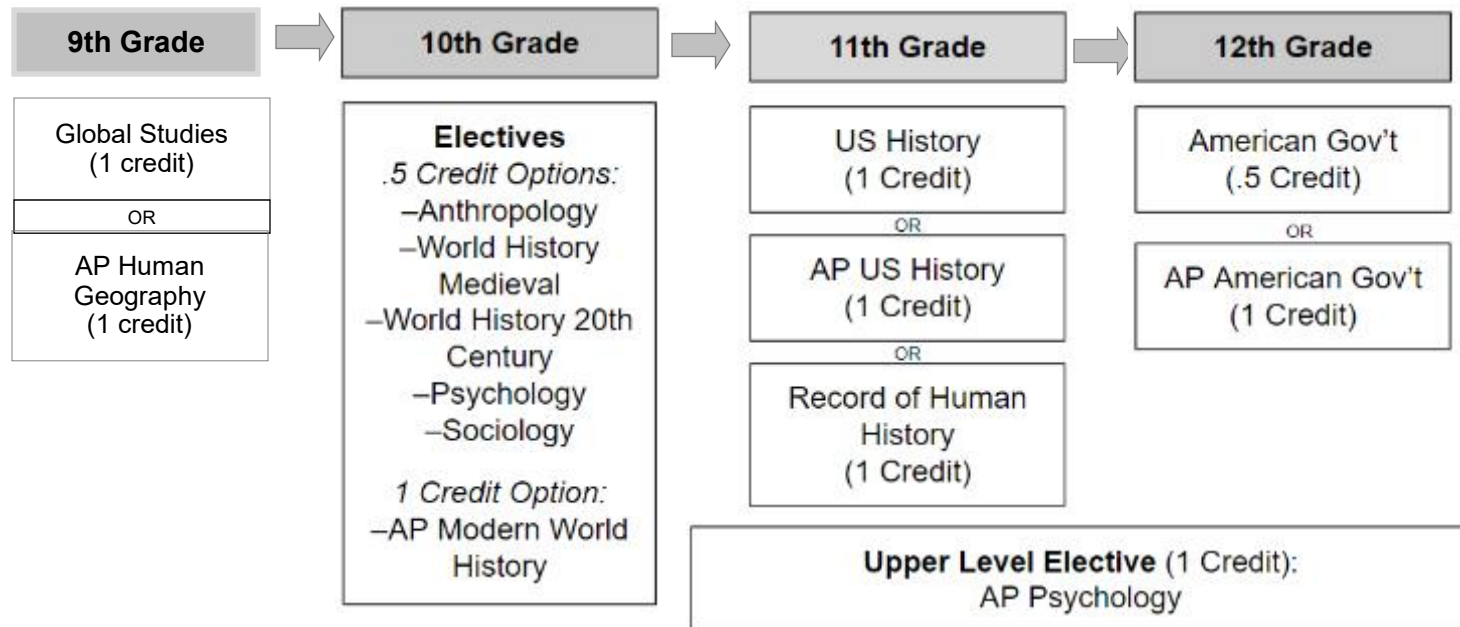
BOTANY

Credit: one term – ½ credit

Botany is the scientific study of plants and their relationship to the environment. In this course, students investigate the growth, reproduction, anatomy, physiology, biochemistry, genetics, and ecology of plants. Special attention is given to the study of plant families and the use of taxonomic keys.

SOCIAL STUDIES

Social Studies Graduation Requirements – 3 Credits



Global Studies A & B

Credit: two terms – ½ credit each

The study of history, geography, economics, and civics is the study of humanity, of people and events that have individually and collectively shaped our nation and the world. A strong and effective social studies program helps students make sense of the world in which they live and helps them see themselves as active members of a global community. Global studies is designed to help students understand the interconnectedness of the world. Students will investigate the world and develop the knowledge and skills in history, geography, civics, and economics. Each unit has an emphasis in a particular standard, but all four standards should be taught throughout the year equally. The course provides students with the opportunity to explore various regions and cultures. In addition, the course enables students to investigate issues and themes from multiple perspectives using a variety of primary and secondary sources that lead to in-depth understanding. As students explore the four social studies standards, they will have multiple opportunities to explore the content and skills of the social science disciplines.

ADVANCED PLACEMENT (A.P.) HUMAN GEOGRAPHY

Prerequisites: Highly Proficient or Advanced in reading and writing testing

Credit: two terms – 1 credit

This course will introduce students to the dynamics of human population growth and movement. Patterns of culture, economic use of the earth, political organization of space, and human settlement patterns will be explored. This is a class for advanced students. The course is designed to be at least equal to a college freshman level World Geography course. Students will prepare for the national AP Human Geography Exam, which can earn college credit. The expectation is all students will take the A.P. exam.

SOCIAL STUDIES ELECTIVES

(meet the .5 English elective graduation requirement)

MODERN HISTORY—20st CENTURY

Prerequisite: None

Credit: one term – 1/2 credit

This course presents an overview of world history between the time of WWI and present day. Learners study the major events and issues of the twentieth century. Topics include the World Wars, economic and political movements such as Communism, and Fascism as social and political forces, the rise of Developing Nations, the Information Age, current events, and global issues.

LAW RELATED EDUCATION

Prerequisite: None

Credit: one term – 1/2 credit

Law-Related Education is a class designed to provide opportunities to develop an understanding of legal rights and responsibilities. Discussion of practical, everyday criminal and civil legal problems will accompany projects created to enhance abilities to analyze, evaluate, and resolve legal disputes.

COLORADO HISTORY

Prerequisite: None

Credit: one term— 1/2 credit

This course surveys prehistoric peoples of Colorado, native peoples, the Spanish frontier, fur trade, mining, transportation, political development, the cattle industry, industrial and energy-related growth, resource allocation, and issues confronting Colorado's future. This course involves independent research.



Colorado Career Cluster Model

FMHS ICAP Electives



Learning that works for Colorado
CTE

Business, Marketing & Public Administration

Advanced Leadership
AP Computer Science
AP Computer Science Principles
AP American Government
AP Micro/Macro Economics
Accounting
Art 1
Business Communication
Business Math
Coding I and II
Computer Sci Foundations
Cybersecurity I & II

Economics
Entrepreneurship
Intro to Business
Intro to Multimedia I & II
Law Related Ed
Personal Finance
Principles of Management
Work Based Learning (WBL)
Web Design Foundations
Website Development

WCCO: Computer Networking Technology
Marketing Education

Agriculture, Natural Resources & Energy

Accounting
AP Biology
AP Chemistry
AP Environmental Science
AP Physics
Anatomy & Physiology
Astronomy
Business Explorations
Geology
Zoology

Animal Science Pathway
Sciences, Production, Vet
Natural Resource Pathway
Mgt, Wildlife & Fish
Plant Science Pathway
Science, Greenhouse, Hort
Supervised Ag Experiences (SAE)

WCCO/CMU: CMU Animal Science
CMU Crop Production
STEM Discovery

AP: Introduction to Agriculture
Mechanics Pathway
Power, Welding, Metal

Postsecondary & Workforce Readiness (PWR)

Entrepreneurial: Critical Thinking & Problem-Solving, Creativity & Innovation, Inquiry & Analysis, Informed Risk Taking

Personal: Initiative & Self-Direction, Personal Responsibility & Job-Management, Adaptability & Flexibility, Learning Style Awareness

Civic: Core Academic Foundations, Collaboration & Teamwork, Communication, Global & Cultural Awareness

Professional: Time & Work Management, Career Literacy, Grit & Resilience, Work Ethic, Dependability & Reliability

Academic: Application of knowledge & skills, Evaluation, Discernment
+ CTE Pathway for Special Populations include:
Alternative Cooperative Education (ACE) CT50 – (ISC)†

Hospitality, Human Services & Education (+)

Accounting
Anthropology
AP Psychology
AP Statistics
Art
Business Math
Business Work Experience
Comparative Religions
Child and Adolescent Development
Culinary Nutrition
Culinary Essentials I & II
Design Seminar
Economics
Humanities
Interpersonal Relationships
Intro to Business

Law Related Ed
Psychology
Sociology
Tutor Mentor

Career Center: Culinary Prep
Culinary Restaurant
Early Childhood Professions
Health Care Occupations
Small Animal Care

WCCO: Allied Health Program (CNA, EMT, Med Office, Animal Career Prep)
Culinary Arts
Early Childhood Professions

Health Science, Criminal Justice & Public Safety

Anatomy & Physiology
Anthropology
AP Biology
AP Chemistry
AP Psychology
Child and Adolescent Development
Culinary Nutrition
Economics
Forensics/Speech
Humanities
Law Related Ed
Psychology
Relationships

Sociology
Zoology

Career Center: Early Childhood Professions
Health Care
Occupations
Small Animal Care

WCCO: Allied Health Program (CNA, EMT, Med Office, Animal Career Prep, Pharm Tech)
Early Childhood Professions
Fire Science

Skilled Trades & Technical Sciences

3D Design
Accounting
Adv. Art
Ag Mechanics Pathway
Applied Engineering
Art 1
Bike Tech
Business Explorations
Business Math
Business Work Experience
Drawing & Painting I & II
Economics
Engineering & Technology
Intro to Engineering Design
Intro to Tech Drawing and Design

Physics
Robotics Engineering
Construction
Sport Vehicle Repair

Career Center: Construction
Digital Design
Electrical Technology
Manufacturing Technology
Mechanics
STEM Discovery
Welding Technology

WCCO: Construction
Digital Design
Manufacturing Technology
Mechanics
STEM Discovery
Welding Technology

STEM, Arts, Design & Information Technology

STEM
AP Calculus
AP Chemistry
AP Physics
AP Physics C
AP Statistics
Coding I & II
Cybersecurity I & II
Media Productions
Web Design Foundations
Website Development

IT
AP Computer Sci Principles
AP Computer Sci
Coding I & II
Cybersecurity I & II
Media Productions
Web Design Foundations
Website Development

WCCO: Ecological Technology
Mechanics
STEM Discovery

WCCO: Ecological Technology
Mechanics
STEM Discovery

WCCO: Ecological Technology
Mechanics
STEM Discovery

WCCO: Ecological Technology
Mechanics
STEM Discovery

Electives that may fit in your cluster: World languages, AP Seminar, AP Research, Forensics/Speech, Personal Finance

2/10/2023



WORLD LANGUAGE

World Language classes are interactive. Students must be willing to take chances and participate, because much of the class involves speaking and interacting with classmates in the target language. This course continues to build on information learned during the course of the year. As such, students must demonstrate proficiency in the language during the first semester in order to be eligible to continue into the second semester.

GERMAN

German 1 A & B

Credit: two terms – ½ credit each

The level one world language course is designed to focus on high frequency vocabulary and language structures through student interaction with the target language. German will be learned through a variety of activities including: stories, video media and technology, cultural exploration, etc. Regular attendance and active participation are critical components for student success.

German 2 A & B

Credit: two terms – ½ credit each

The level two world language course is designed to increase students' competence through continued interaction with the target language. The focus will be on more advanced language structures and expanded vocabulary in context. Level two German students will demonstrate increasing spontaneity and flexibility in their ability to communicate in the target language in all four areas: speaking, listening, reading and writing. Regular attendance and active participation are critical components for student success.

SPANISH

Spanish 1 A & B

Credit: two terms – ½ credit each

The level one world language course is designed to focus on high frequency vocabulary and language structures through student interaction with the target language. Spanish will be learned through a variety of activities including: stories, video media and technology, cultural exploration, etc. Regular attendance and active participation are critical components for student success.

- *Note:** 1) World Languages are highly recommended for success in the work world by professionals who work within each of the career paths.
2) Colorado Colleges & Universities require incoming freshman to have 1 to 3 years of at least one foreign language before entering. Many schools require 2 to 4 years of a foreign language. You can visit the college or universities website to review their specific admission requirements.



AGRICULTURE EDUCATION

INTRODUCTION TO AGRICULTURE

Prerequisite: None

Credit: One term– ½ credit

Fee: \$15.00

An introductory course for first year agriculture education students. This course introduces students to the foundational principles of agriculture, food and natural resources. Students will gain knowledge in career development, leadership, personal development, communications, animal science, plant science, natural resources, food science, power/structure and agribusiness. Students in this class are members of the National FFA Organization and Fruita FFA.

PRINCIPLES OF PLANT SCIENCE– GREENHOUSE

Prerequisite: Introduction to Agriculture

Credit: one term– ½ credit

Fee: \$15.00

Plant Science provides students with knowledge and information about the growth, development, and reproduction of plants used for food, fiber, and beautification. Topics may include plant anatomy and physiology, plant growth processes such as photosynthesis, propagation (reproduction) methods, taxonomy and classification, and plant identification. The course will also highlight developing communication skills, leadership skills, and incorporate a survey of the careers within the plant science industry. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PRINCIPLES OF ANIMAL SCIENCE

Prerequisite: Introduction to Agriculture

Credit: one term– ½ credit

Fee: \$15.00

Students will develop knowledge, skills and understanding in the biological processes and physiological systems found in livestock and companion animal species including anatomy and physiology, growth and development, muscular and skeletal systems, integumentary system, respiratory and circulatory systems, nervous system, lymphatic and endocrine systems and excretory system. The scientific processes of observation, hypothesizing, data gathering, interpretation, analysis and application will be included. Career opportunities and educational preparation will be examined. Learning activities are varied with classroom, laboratory and field experiences will be included.

ART

ART I

Prerequisite: None

Credit: one term– ½ credit

Fee: \$20.00

This is a survey course that offers opportunities for fundamental work in 2D and 3D art processes and techniques. The course will include but is not limited to; freehand drawing, portraiture, use of color, linear perspective, art elements and principles of design, art history and art appreciation. Creativity and originality is emphasized. *This course is a prerequisite for all other art courses.*

DRAWING & PAINTING I

Prerequisite: Art I

Credit: one term – ½ credit

Fee: \$20.00

Drawing/Painting I will provide students the opportunity to further develop drawing and painting skills learned in ART I. Students will use a variety of wet and dry medium and techniques incorporating the elements of art and principles of design. Art history and art criticism is included. Creativity/ originality and self-expression is emphasized along with the development of personal style.

BUSINESS

INTRODUCTION TO BUSINESS

Credit: one term – 1/2 credit

Introduces the application of fundamental business principles to local, national, and international forums. This course examines the relationship of economic systems, governance, regulations, and law upon business operations. It surveys the concepts of career development, business ownership, finance and accounting, economics, marketing, management, operations, human resources, regulations, and business ethics. This is an academic class in which students will have homework and give presentations.

COMPUTER & DIGITAL TECHNOLOGIES

COMPUTER SCIENCE EXPLORATIONS

Prerequisite: None

Credit: one term– ½ credit

Fee: \$10.00

Computer Science Explorations course introduces students to the fundamental concepts of computer science and challenges them to explore the impacts of computing and technology. The course creates opportunities for students to analyze problems, use creative thinking, and collaborate on developing solutions to real-world issues using computing. Topics include algorithms and programming, the structure and design of the internet, the implications of design decisions, and the role of hardware platforms in computing. The course lays a foundation for more advanced computer science courses and a variety of career pathways. This course meets the computer science graduation requirement.

WEB DESIGN FOUNDATION

Credit: one term – ½ credit

Prerequisite: Computer Science Explorations

Fee: \$10.00

This course will introduce students to designing, creating, editing and maintaining webpages that are easy to use and visually appealing. The use of images, forms, tables, templates, layers and behaviors will be covered. Image editing software will be used to format images for use in webpages. This course meets the computer science graduation requirement.

MEDIA PRODUCTIONS I

Credit: one term – 1/2 credit

Fee: \$10.00

Media Productions I is the combination of text, graphics, video, and sound used to create digital media presentations. Students will be introduced to specific programs that will teach the basics and work towards advanced techniques of each application. Once the programs have been introduced we'll use applications that allow you to combine each to the present multimedia presentations through desktop publishing, web design, and video production. Students will use the tools around them; computers, applications, online help, manuals, media, and the instructor to help create professional caliber work.

FAMILY AND CONSUMER SCIENCES

CULINARY ESSENTIALS

Prerequisite: None

Credit: one term—1/2 credit

Fee: \$30.00

This course is designed to introduce students to a variety of culinary skills and food preparation. Through instruction and culinary lab practice, this class will provide an opportunity for students to learn food preparation and demonstrate food safety. Some topics include introductory culinary skills and preparation of items such as quick breads, yeast breads, and eggs; as well as meal and menu planning, nutrition, and food borne illnesses. Students will be able to: Demonstrate the correct procedures' and techniques in introductory culinary labs, analyze nutritional guidelines and plan menus that are nutritionally balanced, and demonstrate food safety standards.

CHILD AND ADOLESCENT DEVELOPMENT

Prerequisite: None

Credit: one term— ½ credit

The purpose of this course is to acquire knowledge and understanding of child and adolescent development necessary for strengthening the well-being of children and families. Content focuses on perspectives of human development, research and theories, understanding and nurturing development, and challenges to development. All students are required to take home the Real Care Baby simulator.

DESIGN SEMINAR

Prerequisite: None

Credit: one term—1/2 credit

Fee: \$20.00

This course will give students an introduction to the elements and principles of design as seen in Interior Design, Fashion Design, Publishing and a variety of other fields. In addition it will introduce students to the many careers that require design and allow them to analyze their own career pathways to determine where design might fit. This course is recommended as an introduction to the fashion and interior design pathway.



TECHNOLOGY & ENGINEERING

INTRODUCTION TO ENGINEERING DESIGN

Credit: one term – ½ credit

Prerequisite: None

Fee: \$20.00

Introduction to Engineering Design is a fundamental course in the Engineering and Technology Program of Study for students interested in developing their skills in preparation for careers in engineering and technology. The course covers essential knowledge, skills, and concepts required for postsecondary engineering and technology fields of study. Upon completion of this course, proficient students are able to describe various engineering disciplines, as well as admissions requirements for postsecondary engineering and engineering technology programs in Colorado. They will also be able to identify simple and complex machines, calculate various ratios related to mechanisms, explain fundamental concepts related to energy, understand Ohm's Law, follow the steps in the engineering design process to complete a team project, and effectively communicate design solutions to others.

INTRODUCTION TECHNICAL DRAWING & DESIGN

Credit: one term – ½ credit

Prerequisite: 8th grade tech ed or Introduction to Engineering Design

Fee: \$20.00

This yearlong course develops skills in drafting and design of structures and products. This is accomplished by introducing a design process of refining sketches through technical hand and computer-aided drafting. The use of a CAD-CAM program will allow students to visually apply creative design elements to specific projects

OTHER ELECTIVES

STUDY HALL

Credit: one term– ½ credit

Study Hall provides a supervised environment during the school day in which students have the opportunity to complete assigned work independently.

TEACHER AIDE

Credit: one term– 1/4 credit

Requirements : Student must have good attendance (this includes tardies), no discipline issues, and be passing classes with C's and better. The expectation is that they have a good attitude and be a positive role model, follow through on duties assigned without supervision, and will read or do homework if there is no work to do. The student, parent and teacher will need to sign an aide contract.

OFFICE AIDE

Credit: one term– 1/2 credit

Requirements : Student must have good attendance (this includes tardies), no discipline issues, and be passing classes with C's and better. The expectation is that they have a good attitude and be a positive role model, follow through on duties assigned without supervision, maintain confidentiality, and will read or do homework if there is no work to do.

BAND

SYMPHONIC BAND

Prerequisite: Prior Band experience

Credit: Full Year 1 credit

Fee: \$15.00

This course is designed to further the students' knowledge and skill levels acquired in previous band experiences. Strong emphasis will be placed on the development of individual skills. Further, this class will focus on the fundamental knowledge of music theory and music history necessary for individual development as a musician. Rehearsals, performances, and travel outside of class will be a part of this course and are required as part of the grade. This band performs at concerts and festivals. You must be enrolled all year.

JAZZ BAND I

Prerequisite: Concurrent enrollment in Symphonic Band at Fruita 8/9

Credit: ½ credit per semester

The jazz program functions as an enrichment experience for those students desiring to further their knowledge of music. It is not a replacement for the other band experiences. Emphasis is on literature, styles, history and theory as it applies to the "Big Band Jazz" idiom. Public performances, travel, festivals and rehearsals outside of class time may be part of this course and are required as part of the grade. Participation in jazz band also requires participation in one of the concert bands is required unless special permission from the director is granted.

GUITAR CLASS

Prerequisites: Students must own an acoustic guitar and purchase the appropriate method book.

Credit: ½ credit per semester

This is not a "Rock Band" class. Emphasis in this class for beginning students will be on reading of standard notation, chords, strums and picking patterns. For students with experience, the class will also explore and expand on the students' knowledge of tablature, power chords, finger style, hammering techniques, lead and accompaniment roles, and various strum patterns. The role of the guitar in several different styles of music will also be explored. This class does not involve rehearsals or performances outside of class time.

MARCHING BAND

Prerequisite: Permission of high school band director

Credit: 1 semester, ½ credit

Fee: \$30.00, total estimated cost is \$300— equipment, fees, rental, clinicians, and travel expenses

Students who wish to participate in the competitive marching band program at Fruita Monument High School may sign up for this class. This class is offered in a block setting after school at FMHS during the 1st quarter. **Students must also be enrolled in Symphonic Band all year.**

The membership is composed of winds and color guard. The marching band is open to all students; prior marching experience is not needed. Wind players must have prior band experience. All members of the marching band wind section and color guard must enroll for this class during the fall term. The band performs for local parades, civic functions, football games and pep rallies.

Attendance at rehearsals and public performances outside of class time are part of this commitment and as such are required as part of the grade.

PERCUSSION ENSEMBLE

Prerequisite: Permission of high school band director

The Drumline serves as the percussion section for the Marching Band. The drumline has a class of its own to focus on technique specific to the marching percussion idiom during 1st semester. Drumline is by audition only. Placement on instruments is based upon an audition as well as the student's attitude, work ethic, and what best fits the ensemble. Students will perform on their instruments with correct technique in and outside of an ensemble.

ORCHESTRA

CONCERT ORCHESTRA

Prerequisite: Previous experience on violin, viola, cello or string bass

Credit: each term– ½ credit

Fee: \$15.00

This course is open to all experienced violin, viola, cello and string bass students. Emphasis in this class will be placed on string orchestra and ensembles. Public performances outside of class are part of this course and attendance is required. This class is intended as a precursor and developmental orchestra to feed into the FMHS Symphony Orchestra setting.

CHOIR

MIXED CHORUS

Prerequisite: None

Credit: Full Year 1 credit

Fee: \$15.00

All students who enjoy singing are welcome to sing in this group. No prior experience is necessary. Students will be encouraged to use their voice to its fullest range as well as sing and learn to read music in a non-threatening environment. Students will sing a variety of choral literature and learn basic music theory. Different styles and types of music will be performed and movement to some of the songs may be included. This is a performance-based class (minimum of one evening concert a quarter); all performances are mandatory and carry significant weight in the students' grades. A participation fee is required.

THEATRE

MUSICAL THEATRE

Prerequisite: None

Credit: one term– ½ credit

This course is designed to allow students to experience the combination of performance and academic study in the realms of acting, singing and dancing. Music theatre history, auditioning, scene work, vocal technique and dance styles are included.



PHYSICAL EDUCATION

PE I (hs)

Credit: one term– ½ credit

Fee: \$5.00

PE shirts are required and cost \$8.00. Shorts may be purchased – blue or black is required.

This one-semester course will focus on the physical, mental, social, and emotional development of the individual in cooperative and competitive settings. The goals of this course are accomplished through participation in team sports, individual/dual sports, fitness and wellness activities, dance/rhythms, and lifetime recreational activities. Rules, strategies, and safety will be emphasized in relation not only to being active participants but also in becoming knowledgeable spectators. Units of instruction include: Fitness and Wellness for All; Learning Self-Management Skills; Lifestyle Physical Activity and Positive Attitudes; Components of Health Related Fitness; Stress Management; and Personal Program Planning.

WEIGHTS

Prerequisite: None

Credit: one term– ½ credit

Fee: \$5.00

PE shirts are required and cost \$8.00. Shorts may be purchased – blue or black is required.

This class is designed as an introduction to basic free weight training. Proper lifting techniques, spotting, and safety are emphasized. This class is offered at FMHS. Because this class is on the FMHS campus and for the safety of participants, students who do not demonstrate mature high school behavior will not be eligible to take this class. Students can be dropped from this class for immature behavior that affects the safety of others.

HUNTER SAFETY (LIFETIME ACTIVITY)

Credit: one term – ½ credit

Prerequisite: None

The basic purpose of a Hunter Education class is to teach hunters to be safe, legal, and responsible. Topics covered include wildlife management, wildlife identification, ethics, laws and regulations, and firearm safety and handling. To earn your Hunter's Safety card, you will need to complete some activities outside school time.



LEADERSHIP

STUDENT GOVERNMENT (SENATE)

Prerequisite: Application and Acceptance

Credit: each term– ½ credit

Student Government is designed as a course that explores leadership and positive involvement in both school and community. Daily activities help develop leadership by placing students in varied levels of responsible situations where leadership is required to accomplish the established goals. Many of the techniques used involve real world skills such as delegation, goal-setting, meeting deadlines, committee work, brainstorming/planning, communication and promptness.

Student Senate is a leadership class that is composed of 8th and 9th graders. The Senate represents the interests of the Student Body in student, administration and community affairs. The class is responsible for planning and facilitating school and social activities. Admittance to this class is by an application process. Applications are available on the Fruita 8/9 School website. It is a one semester class. Students reapply each semester.

ADVANCED LEADERSHIP

Credit: each term– ½ credit

The course focuses on growing leadership skills and personal development. Character education, service learning, communication and other employable skills will be taught through class discussions, readings, guest speakers, and activities. This class is not responsible for planning school-wide events.

PEER TUTOR (for students with special needs)

Credit: one term– ½ credit

This course is designed to pair regular education students (peer coaches) with students who have special needs. The peer coaches will aid in the exceptional student's development and improvement in the following areas: physical, mental, emotional, and social growth and development. Peer tutors need to be enthusiastic, positive, willing to work with special needs students, and have good attendance. Evaluation will be based on daily attendance, daily participation and the ability to work with, encourage and motivate the exceptional student. No homework will be required.



PERFORMANCE BASED POLICY AND GRADUATION REQUIREMENTS

Mesa County Valley School District 51 believes that each student is unique and may have different learning needs. In response, the district has developed a system to support and monitor student progress along the way. The system provides a variety of options for students to learn, demonstrate what they know, and meet the graduation requirements. MCVSD51 is committed to high expectations for all students. We expect each student to complete 25 standards-based credits with a 2.0 GPA or higher and demonstrate through a body of evidence that they are career, college, or military ready.

1. individual career and academic plan (ICAP) - intentional classes toward career pathway.
2. 25 CREDITS
3. 2.0 GPA
4. FINANCIAL LITERACY - # CLASS
5. SAT/ACT OR ALTERNATIVE KNOWLEDGE AND SKILLS PROFICIENCY ASSESSMENT FROM CDE MENU

Conventional Pathway

This pathway is the standard pathway to graduation. The student will:

- Complete 25 required standards-based credits* including 4 classes of intentional ICAP electives **AND**
- Maintain a 2.0 GPA or higher, **AND**
- Meet the Colorado Graduation Guidelines in English and Math (see page 4).

Pathway of Distinction:

This pathway provides the highly motivated student opportunities for challenging coursework and additional recognition for their hard work. The student will:

- Complete 25 required standards-based credits* **AND**
- Maintain a 3.5 GPA or higher **AND**
- Meet the Colorado Graduation Guidelines in English and Math (see page 4) **AND**
- Meet the Colorado HEAR requirements **AND**
- SAT score of 1110 or higher, or ACT score of 24 or higher

Individualized Pathway:

This pathway allows for adaptation and can be utilized for alternative program students:

- Students needing an individualized program of study as outlined by an individualized graduation plan.
- The student will complete 25 credits aligned with the standards or the equivalent. The 25 credits could include alternative proficiency assessment or extensions of the individualized pathway that allow the student to earn the equivalent of 25 standards-based credits. The Key Performance Program (KPP) is an example of an individualized pathway.
- Students who have a GPA lower than 2.0
 - The student will complete 25 required standards-based credits* **AND**
 - The student will participate in prescribed interventions in their targeted area(s) of deficiency **AND**
 - The student will work with appropriate staff to develop a graduation plan that supports student growth.

Performance Based Policy and Graduation Requirements

Performance Based Policy

Mesa County Valley School District 51 believes that each student is unique and may have different learning needs. In response, the district has developed a system to support and monitor student progress along the way. The system provides a variety of options for students to learn, demonstrate what they know, and meet the graduation requirements. MCVSD51 is committed to high expectations for all students. We expect each student to complete 25 standards-based credits with a 2.0 GPA or higher and demonstrate through a body of evidence that they are career, college, or military ready.

1. Individual Career and Academic Plan (ICAP) with a pathway to college and/or career.
2. 25 credits
3. 2.0 GPA
4. Financial Literacy class #
5. SAT/ACT or Alternate Knowledge and Skills Proficiency Assessment from CDE Menu



Graduation requirements can be designed to adapt to a student's specific learning needs while setting high expectations for achievement.

Colorado high school graduates demonstrate the knowledge and skills (competencies) needed to succeed in postsecondary settings and to advance in career pathways as lifelong learners and contributing citizens. Students must meet English and Math proficiencies in their pathway. (See the Menu of College and Career Ready Demonstrations on page 4 for specific scores.)

Career Ready.
WorkKeys
Industry Certificate
Capstone

College Ready.
AP/IB scores
Concurrent Grades
Capstone
SAT/ACT Scores

Military Ready.
ASVAB
WorkKeys
Industry Certificate
Capstone

High School Graduation Credits

Students must meet the following District 51 course graduation requirements:*

- 4.0 Credits – English Language Arts
 - 3.0 Credits – Social Studies
 - 3.0 Credits – Science (1 Earth Science, 1 Physical Science, 1 Life Science)
 - 3.0 Credits – Mathematics (credits must include Algebra 1 and Higher)**
 - .5 credits – Physical Education
 - .5 Credits – Personal Fitness and Wellness
 - .5 Credits – Computer/Technology Literacy
 - .5 Credits – Fine Arts (Instrumental Music, Performing Arts, Visual Arts, or Humanities)
 - 10.0 Credits – General Electives ***
- 25.0 Credits Total

Note: Within the 25 credits listed above, a student must meet the Financial Literacy requirement by obtaining .5 credits in one of the following: Personal Finance, Economics, AP Economics, Life Management, or Ag Business Management. Two credits need to be intentional ICAP electives.

Students planning to attend a four-year public college or university in Colorado will need to complete the following credits in order to fulfill the Higher Education Admission Requirements (HEAR):

Colorado Higher Education Admission Requirements (HEAR)*

English	4.0 Credits
Social Studies	3.0 Credits
Math	4.0 Credits
Science	3.0 Credits
Foreign Language	1.0 Credits
Academic Electives	2.0 Credits
TOTAL	17.0 CREDITS

*Required for consideration to all four-year public colleges/universities in Colorado.

ATTENTION POTENTIAL COLLEGE ATHLETES: Check with school counselor for NCAA academic eligibility requirements.

NOTE: Colleges and universities adjust their application standards frequently. Students are encouraged to contact representatives from their college of interest each semester.

*Additional information about specific courses meeting these D51 Graduation and HEAR Requirements available in the counseling office.

**Mathematics entrance requirements for a four year public college in Colorado listed in chart directly above.

***Acceptable Academic Electives include additional courses in English Language Arts, mathematics, earth/physical/life sciences and social sciences, foreign/world languages, computer science, honors, AP & IB courses, and appropriate CTE courses.

Menu of College and Career-Ready Demonstrations



High school graduation requirements are set by local school boards. They must align with the Colorado Graduation Guidelines, which are designed to help all students and families in Colorado plan for success after high school.

Local school boards and districts select from this menu to create a list of options that their students must use to show what they know of can do in order to graduate from high school. School districts may offer some or all of the state menu options, may raise a cut score on an included assessment and may add graduation requirements in other content areas.

Graduation Guidelines begin with the implementation of Individual Career and Academic Plans (ICAP); 21st Century Essential Skills; and Colorado Academic Standards for all content areas, including: one course in Civics, and by July 2023, one course that incorporates Genocide and Holocaust studies.

Students must demonstrate readiness for college and career based on at least one measure in Reading, Writing and Communicating, and one measure in Mathematics ¹.

Districts have the authority to provide accommodations to students in meeting the college and career demonstrations necessary to earn a standard high school diploma for: English learners, gifted students and students with disabilities.

MENU OF OPTIONS: This menu lists the minimum scores required.

ACCUPLACER

CLASSIC	Reading, Writing and Communicating 62 on Reading Comprehension OR 70 on Sentence Skills	Mathematics 61 on Elementary Algebra	ACCUPLACER is a computerized test that assesses reading, writing, math and computer skills. The results of the assessment, in conjunction with a student's academic Background, goals and interests, are used by academic advisors and counselors to place students in college courses that match their skill levels.
	Reading, Writing and Communicating 241 on Reading OR 236 on Sentence Writing	Mathematics 255 on Arithmetic (AR) OR 230 on Quantitative Reasoning, Algebra, and Statistics (QAS)	

ACT

Reading, Writing and Communicating 18 on ACT English	Mathematics 19 on ACT Math	ACT is a national college admissions exam. It measures four subjects – English, reading, math and science. The highest possible score for each subject is 36.
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ACT WorkKeys - National Career Readiness Certificate

Reading, Writing, Communicating, and Mathematics Bronze or higher	ACT WorkKeys is an assessment that tests students' job skills in applied reading, writing, mathematics and 21st century skills. Scores are based on job profiles that help employers select, hire, train, develop and retain a high-performance workforce. Students must score at the bronze level (a score of at least 3) in all three assessments- Applied Mathematics, Graphic Literacy and Workplace Documents - and they will earn the ACT's National Career Readiness Certificate.
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¹ In order to match the language in statute for Colorado Academic Standards, and to better reflect the skills necessary for success in life after high school, "English" and "Math" have been more clearly defined as, "Reading, Writing, and Communicating" and "Mathematics."

Menu of College and Career-Ready Demonstrations, Page 2

Advanced Placement

Reading, Writing and Communicating 2	Mathematics 2	AP exams test students' ability to perform at a college level. Districts choose which AP exams will fulfill this menu option. Scores range from 1 to 5 (highest).
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ASVAB

Reading, Writing, Communicating, and Mathematics 31 on the AFQT	The Armed Services Vocational Aptitude Battery (ASVAB) is a comprehensive test that helps determine students' eligibility and suitability for careers in the military. Students who score at least 31 on the AFQT are eligible for service (along with other standards that include physical condition and personal conduct). Students who take the ASVAB are not required to enlist in the military.
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Concurrent Enrollment

Reading, Writing and Communicating Passing grade per district and higher education policy	Mathematics Passing grade per district and higher education policy	Concurrent enrollment provides students the opportunity to enroll in postsecondary courses, simultaneously earning high school and college credit. School districts and institutions of higher education each determine passing grades for credit and concurrent enrollment. An eligible concurrent enrollment course is 1) the prerequisite directly prior to a credit-bearing course or 2) a credit-bearing course, and 3) governed by a district-level cooperative agreement or MOU. Districts choose which courses will fulfill the option.
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District Capstone

Reading, Writing and Communicating Individualized	Mathematics Individualized	A capstone is the culminating exhibition of a student's project or experience that demonstrates academic and intellectual learning. Capstone projects are district determined and often include a portfolio of a student's best work.
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Industry Certificate

Reading, Writing and Communicating Individualized	Mathematics Individualized	Industry certificates are credentials recognized by business and industry. They are district determined, measure a student's competency in an occupation, and they validate a knowledge base and skills that show mastery in a particular industry.
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International Baccalaureate (IB)

Reading, Writing and Communicating 4	Mathematics 4	IB exams assess students enrolled in the official IB Diploma Programme. Districts choose which IB exams will fulfill this option. Scores range from 1 to 7 (highest).
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SAT - Scores updated for SAT (2016)

Reading, Writing and Communicating 470	Mathematics 500	The SAT is a college entrance exam. The SAT includes sections on reading, writing and math. The highest possible score for each section is 800.
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Collaboratively developed, standards-based performance assessment

Reading, Writing and Communicating State-wide scoring criteria	Mathematics State-wide scoring criteria	For this option, students use an authentic demonstration of academic knowledge and Essential Skills through the creation of a complex product or presentation.
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Four-Year Planning Sheet

Minimum for graduation	Freshmen Year	Sophomore Year	Junior Year	Senior Year
Language Arts Four Credits minimum	Composition/ Literature 9 A & B 1 credit	Composition/ Literature 10 A&B 1 credit	Composition/ Literature 11 A&B 1 credit	.5 credit of Literature .5 credit of Elective
Math Three credits minimum	1 credit	1 credit	1 credit	1 credit (for College requirements)
Science Three credits minimum	Biology 1 credit	Chemistry 1 credit	Physics 1 credit	Additional science courses beyond requirements
Social Studies Three credits minimum	Global Studies A & B 1 credit	.5 credit of Elective	United States History 1 credit	American Government .5 credit
Electives 9.5 credit minimum			Includes .5 credit Personal Finance/ Economics	
Physical Education One credit minimum	Physical Education class .5 credit	Applied Personal Fitness Wellness .5 credit	<u>Additional Course Options to help insure you are career, college or military ready at graduation</u> * AP Classes * Internships * WCCC * Career Center * CareerWise * Redo class for grade replacement * Additional courses in ICAP area * Concurrent/ CMU classes * ASCENT program	
Fine Arts .5 credit minimum	Minimum one class from the following: theater, humanities, music or art.			
Computer Literacy .5 credit minimum	Computer Tech/Literacy Course .5 credit			

Foreign Language is required for 4 year college admissions. Visit the website of specific schools to see their admission requirements.

4 years of math beginning with Algebra are required to attend a 4 year college in Colorado and are highly recommended for the college bound.

Check the admission criteria for the college you plan on attending.

Credit and Course Planning Worksheet

Required Category	Credits	*8th Grade	9th Grade		10th Grade		11th Grade		12th Grade	
			1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester	1st Semester	2nd Semester
Language Arts 4 years	4									
Mathematics 3 years	3									
Biology 1 year	1									
Chemistry 1 year	1									
Physics 1 year	1									
Global Studies 1 year	1									
US History 1 year	1									
Social Studies Elective 1/2 year	0.5									
Government 1/2 year	0.5									
Fine Arts 1/2 year	0.5									
Computer Literacy 1/2 year	0.5									
PE 1/2 year	0.5									
Personal Fitness 1/2 year	0.5									
Personal Finance 1/2 year	0.5									
ICAP Electives 4 classes	2									
Electives 15 classes	7.5									

Additional Course Options

AP Courses CMU Classes

Work Based Learning

Career Center WCCC

Additional ICAP Electives

Planning through high school

Freshman Year

	Semester 1	Semester 2
1		
2		
3		
4		
5		
6		
7		
8		

Sophomore Year

	Semester 1	Semester 2
1		
2		
3		
4		
5		
6		
7		
8		

Planning through high school

Junior Year

	Semester 1	Semester 2
1		
2		
3		
4		
5		
6		
7		
8		

Senior Year

	Semester 1	Semester 2
1		
2		
3		
4		
5		
6		
7		
8		

GENERAL INFORMATION

AP WEIGHTED GRADE POLICY

Advanced Placement (AP) classes are calculated on a 5.0 weighted scale for grades of “C” or higher. Thus, an “A” earns 5 points, a “B” earns 4 and a “C” earns 3. A grade of “D” in an AP course only earns 1 point, as in a regular class. The extra quality point for an AP course is offered every semester. Students do not have to take the AP exam in May to receive the weighted grade.

CALCULATING GRADE POINT AVERAGE (GPA)

In order to calculate the GPA, a student must convert the letter grades from his/her report card to the equivalent numerical grades using the table below:

Letter Grades (Converted)	Numerical Grade (Grade Point Value)
A	4.0
B	3.0
C	2.0
D	1.0
F	0.0

Then the student needs to add the numerical value of all of the grades, and divide this sum by the number of grades that were added.

Example Using a First Semester Freshman Schedule

Biology A	B	=	3 points
Global Studies A	A	=	4 points
Math 2A	C	=	2 points
Comp/Lit 9A	A	=	4 points
PE	B	=	3 points
Symphonic Band	A	=	4 points
Spanish IA	<u>B</u>	=	<u>3 points</u>
TOTALS	<u>7</u>		23 points

The GPA for this student is determined by dividing the student’s “7” grades into the “23” grade point values, which equals a 3.285 GPA.

In order to determine the student’s cumulative GPA (CGPA), which is the average of all semesters since high school began, the student will add up the grade point values from all semesters and divide this number by the total number of classes that were taken. A grade with a plus or minus is not calculated differently.

FULLTIME STATUS

With a rigorous and relevant instructional program as the foundation for student achievement and success, it is critical to support our District 51 instructional program and staff with all available resources and funding. Our District 51 General Fund revenues are generated within the legislation determined by the Colorado School Finance Act. Through the finance act, CDE audits the schedule of every student within District 51 on an annual basis to determine part-time or full-time status. This CDE audit leads to our Per Pupil Operating Revenue (PPOR), a major source for our District 51 revenue from the State of Colorado.

In order for the school district to maintain adequate funding, all students must obtain “Full-Time Status”. Full-Time Status is defined as follows: enrollment in classes a minimum of 6 out of 8 classes fall semester. Due to travel time, a student enrolled in off campus programs (such as: Career Center, Western Colorado Community College, or Concurrent) must work with their counselor to ensure they have obtained “Full-Time Status”.

LATE ENROLLMENT POLICY

Students are expected to be present for the entire school year. Attendance records begin on the first day of a term. Students transferring from other schools should enroll within five days after leaving their previous school. Students will be placed in classes similar to those taken at their previous school. Every effort will be made to create as complete a schedule as possible.

School District #51 supports all students in their desire to attend school. Those students enrolling within the first sixteen (16) days of a term will have the opportunity to earn credit. Teachers have the discretion to determine what assignments and competencies need to be demonstrated in order for credit to be earned. There may be circumstances which do not allow a student to enroll prior to the sixteenth (16) day of a term. Students are still encouraged to enroll in school and attend classes for no credit as they prepare for future terms.

*** Certain exceptions may apply. Individual circumstances will be taken into consideration, with input from teachers, school counselors and parents. The final determination will be made by the administration. (Case managers for Special Education and ELL students will be consulted to determine appropriate placement and credit).

GRADE REPLACEMENT

The following have been discussed and agreed upon by District 51 high school administrators and school counselors.

When a student chooses to repeat a class that he/she has failed (including WF), the previous grade will be replaced with a designation of "NG" for no grade.

If the same class has been repeated more than once, the procedure described above will apply each time the student repeats the class. *(For example: A student has taken Algebra 1A his 9th grade year and receives an "F" on his transcript. The student repeats the class his 10th grade year and receives an "F" again. His transcripts will now show Algebra 1A during his 9th grade year with "NG," and Algebra 1A during his 10th grade year with "F." The student again chooses to repeat Algebra 1A his 11th grade year, and passes the class with a "C." His transcripts will now show Algebra 1A during his 9th grade year with "NG," Algebra 1A during his 10th grade year with "NG," and Algebra 1A during his 11th grade year with "C.")*

When a student chooses to repeat a class that he/she has passed, the previous grade may be replaced with a designation of "NG" for no grade.

By taking this option, only the second grade will be used for the credit and the GPA. This option will positively affect the GPA, but will not increase the total number of credits.

When a student chooses to repeat a class that he/she has passed, the previous grade may remain as an elective credit, while the new grade will be used to fulfill the original requirement.

By taking this option, both grades will count towards credit (one original and one elective) and both grades will count towards the GPA. This option will have a minimal affect on the GPA, but will increase the total number of credits.

Additional considerations and clarifications for the following three items are being reviewed:

In accordance with the performance-based policy where time becomes the variable and learning becomes the constant, students may be encouraged to repeat a class more than once to show they have mastered the content at a higher level. Alternative methods for delivering the content with additional intervention support and time may be considered to increase the student's success rate in learning the content.

Classes previously taken within another district may be considered for grade replacement on an individual basis. *(At the time of this memo, legal considerations are being reviewed for changing the transcript of a previous district.)*

Courses covering the same content with different course titles may receive additional consideration for grade replacement on an individual basis. *(Since learning should be based on the standards mastered within a given course, the focus for consideration should be placed on the mastery of standards, not the title of the course or the title of the book used within the course. An example of this might include math content standards organized in two different ways; the math standards in Algebra I and Geometry are also in Math 1 and Math 2.)*

ACADEMIC AWARD LETTER CRITERIA

Each year District 51 high schools celebrate their students' academic excellence. Academic letters and other symbols of recognition will be presented in the fall for grades earned the previous school year. The Academic Award is based on the following criteria:

- Full-time student at their home high school, including District 51 satellite programs
- Minimum grade point average for the previous year of 3.50

Awards:

1st year of qualification- Academic Letter

2nd year of qualification- Academic Pin

3rd year of qualification- Gold Star

4th year of qualification- Gold Cord

HONORS GRADUATION POLICY

In an effort to recognize and honor our many high school scholars, maintain fidelity to our district vision of performance based learning, and align with colleges and universities worldwide, Mesa County School District #51 (MCVSD #51) has adopted the following graduation policy to honor students at graduation. This will begin with the graduating Class of 2021. Class rank will no longer be assigned to students. Instead, all MCVSD #51 high schools will follow the Latin graduation honors system. Schools will no longer have a Valedictorian nor Salutatorian, and will instead apply the Latin honors system which recognizes students who have earned the following cumulative grade point averages:

- 4.0 and Higher summa cum laude
- 3.70-3.99 magna cum laude
- 3.50-3.69 cum laude

Cumulative GPAs will be calculated to the 100th decimal, and will not be rounded up.

Each high school will recognize these students during the graduation ceremony. The recognition will also be noted on the students' diplomas.

FMHS COMMUNITY VOLUNTEER SERVICE LETTER

Students who can verify 150 hours of volunteering will receive a Letter which reads "Service" on it. Students who can verify an additional 100 hours of volunteering the following school year will receive a Volunteer pin for their letter. Students who accrue over 250 hours of volunteering will be awarded the Abby Cord to be worn at graduation and acknowledged in the graduation program.

The Community Volunteer Service form is available in the FMHS or Fruita 8/9 Counseling Offices. Students must be able to verify for whom they volunteered, and the type of work in which they were involved. These forms, along with a record of a student's hours, must be signed by an adult associated with the volunteer site. Forms will need to be turned in by April 15th of each school year, at which time students will be awarded their volunteer letter, Pin, or Cord.

HIGH SCHOOL SCHEDULE CHANGE/CLASS ADD-DROP

Students will have the opportunity to make adjustments to their schedules between semesters and up until the week prior to the new semester if absolutely necessary. Once the semester begins there will be no more changes allowed except for retaking a failed course, missing classes or extenuating circumstances that will have to be approved by administration.

- Students have the first six(6) days of a term in which to drop a class without it being recorded on their transcript. Classes will only be dropped due to extenuating circumstances once a semester has started.
- Classes dropped after the sixth(6th) day will be recorded on the transcript as either a WP (Without Prejudice) if they have a passing grade at the time of the drop, or a WF (Withdraw Fail) if the student has a failing grade at the time of the drop. After Quarter 1 and Quarter 3, all drops will be recorded as a WF, regardless of the grade that the student has in that class at the time of the drop. Remember that a WF impacts a student's GPA in the same manner.

EARNING CREDITS IN SCHOOL DISTRICT 51

1. Credits are earned in units of .5
2. Students failing or unsuccessfully completing a required course will have to make up the failed requirement.
3. Additional credits may be earned in the following manner by making arrangements in advance through the Counseling Office:
 - a. District 51 approved on-line courses
 - b. District 51 Summer School
 - c. Concurrent college course work for accelerated study (See Early Scholars Program)
 - d. District 51 approved Home School programs (Pass/Fail only)

ATHLETIC ELIGIBILITY

Students must do the following to be eligible for participation:

1. Must have taken 6 classes/3 credits the previous semester and enrolled in 6 classes/3 credits the current semester of the activity/sport.
2. Must not have failed more than .5 credits (one class) the previous semester.
3. Weekly eligibility will be maintained. Anyone failing more than one class will be ineligible for that week.
4. The student may not have turned 19 years of age prior to August 1st of the current school year.

REGAINING ELIGIBILITY

Any student/athlete who does not meet the academic requirements at the close of a semester may regain academic eligibility in the first semester on the sixth Thursday following Labor Day, and on the Friday prior to March 10th for the second semester. When it comes to the date to determine if a student/athlete has regained, they must on that date be passing all classes in which they are enrolled.

NCAA MINIMUM COURSE AND GRADE REQUIREMENTS

Colleges that belong to the National Collegiate Athletic Association (NCAA) have agreed that student/athletes will meet minimum course and grade requirements in English, math, science and social studies before they can participate in college athletics. The NCAA Clearinghouse determines which courses from each high school meet their eligibility standards. NCAA reviews the approved course list every year, please check with the Athletic Office for the current list of NCAA approved core classes, or check the NCAA website at www.eligibilitycenter.org. The NCAA recommends that students apply for certification at the end of their sophomore year.

PHYSICAL EDUCATION WAIVER POLICY

Students may request and be granted a waiver for 0.5 credit of Physical Education if they provide the necessary written documentation that attests that they have fulfilled one of the two following criteria:

1. The student has participated in three (3) seasons of Marching Band **or**
2. The student has participated in three (3) seasons of the same co-curricular school sport.

Students are still required to take 0.5 credits of P.E. for graduation. No credit is attached to the waiver. Students must still earn a minimum of 25 credits to graduate.

Students can only waive the physical education course requirement; not the Personal Fitness and Wellness course requirement.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program is a program of credit by examination for college-level studies pursued in secondary schools. The underlying premise of the Advanced Placement Program is that college-level courses can be successfully taught to high school students by high school teachers and on high school campuses. Advanced Placement courses make it possible for academically talented students to upgrade the quality and increase the challenge of their studies. Students requesting AP classes are encouraged to take the AP Exams.

Benefits of the Advanced Placement Program are:

- Challenges and stimulates students
- Accelerates learning
- Weighted Grades (A=5.0, B=4.0, C=3.0)
- Reduces educational costs for parents and saves time and money for students
- Upgrades a student's high school and college program
- Rewards achievement
- Individualizes education

The following AP courses may be offered at FMHS/ Fruita 8/9 (pending sufficient enrollment):

AP US History	AP Biology	AP English Language
AP English Literature	AP German	AP Spanish
AP Statistics	AP Studio Art	AP American Government
AP Human Geography	AP Psychology	AP Modern World History
AP Calculus AB	AP Calculus BC	AP Computer Science Principles
AP Physics C: E & M	AP Physics C: Mechanics	AP Environmental Science
AP Chemistry	AP Macro Economics	AP Micro Economics
AP Music Theory	AP Seminar	AP Research

AP CAPSTONE DIPLOMA AT FMHS

An AP Capstone Diploma proves a student has attained college-level academic and research skills and provides a great complement to student achievement in Advanced Placement coursework. Numerous colleges and universities have endorsed the program as a way to improve student odds of success in higher education.

Students can earn an AP Capstone Diploma by taking back-to-back AP Seminar and AP Research courses during high school and earning scores of 3 or higher on the AP Seminar exam, the AP Research exam, and four additional AP exams of their choice. Students who earn a score of 3 or higher on the AP Seminar and AP Research exams alone can still earn the AP Seminar and Research Certificate.



